

Amendments to the Abstract:

ABSTRACT

Please replace the abstract that appears on page 10 of the specification with the following revised abstract which is submitted on a separate sheet.

Abstract of WO2004042338

The A relative pressure sensor comprises two chambers [[(5, 6)]] and two separating membranes [[(2, 3)]] respectively provided for a process pressure and an ambient pressure. The chambers [[(5, 6)]] are separated by a pressure-sensitive element (4) (measuring membrane) and are filled with a transmission medium. In order to attenuate process-side overload pulses, which act upon the first separating membrane [[(2)]]], a hydraulic damper [[(7)]] is provided that is placed on the side of the atmosphere between the second separating membrane and the pressure-sensitive element. The pressure-sensitive element is a piezoresistive silicon chip, the transmission medium consists of silicone oil, and the damper is comprised of a filter element made of sintered bronze having 29% porosity and an 11 micrometer pore diameter. The filter element [[(7)]] has a length of 8 mm and a diameter of 2 mm.